

24

Attorney Docket No. P12684 (27943-00408USP1)

*fog*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Magnus Hallenstal, et al.

§ Group Art Unit: 2661

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Serial No: 09/765,119

§ Examiner: Olms, Douglas W

DEC 24 2003

Filed: January 17, 2001

§

For: COMBINING NARROWBAND APPLICATIONS WITH BROADBAND TRANSPORT

**OFFICIAL**

**Via Facsimile - 703-872-9306**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450, or being facsimile transmitted to the USPTO on the date indicated below.

Date: December 24, 2003

*Pamela S. Newton*

Pamela S. Newton

Dear Sir:

**TRANSMITTAL OF ASSOCIATE POWER OF ATTORNEY**

Please file the enclosed Associate Power of Attorney for the above-referenced application as authorized by the following documents:

1. Associate Power of Attorney given to the practitioners of Customer Number 27045 for a list of patent applications/patents (1 page);
2. Spreadsheet containing a list of patent applications/patents in order of application number on which this application number is listed (4 pages).

Sincerely,

By:

John C. Hart, Reg. No. 41,403

Practitioner under Customer Number 27045

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DEC 24 2003

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September 29, 2003

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**ASSOCIATE POWER OF ATTORNEY**

I hereby appoint the practitioners of Customer Number 27045 with Associate Power of Attorney to prosecute the attached list of applications in the U.S. Patent and Trademark Office.

Sincerely,

JENKENS & GILCHRIST, P.C.

By: \_\_\_\_\_

Printed Name: Stanley R. Moore  
Registration No. 26,958

EUS/J/P/03-8923

|    | A                 | B        | C        | D        | E   | F   |
|----|-------------------|----------|----------|----------|-----|-----|
| 1  | 38065             |          |          |          |     |     |
| 2  |                   |          |          |          |     |     |
| 3  | Ericsson Inc.     |          |          |          |     |     |
| 4  | 6300 Legacy Drive |          |          |          |     |     |
| 5  | M/S EVW 2-C-2     |          |          |          |     |     |
| 6  | Plano, TX 75024   |          |          |          |     |     |
| 7  |                   |          |          |          |     |     |
| 8  |                   |          |          |          |     |     |
| 9  |                   |          |          |          |     |     |
| 10 |                   |          |          |          |     |     |
| 11 |                   |          |          |          |     |     |
| 12 |                   |          |          |          |     |     |
| 13 |                   |          |          |          |     |     |
| 14 |                   |          |          |          |     |     |
| 15 |                   |          |          |          |     |     |
| 16 | 5881235           | 08612183 | 03/09/99 | 03/07/96 | YES | YES |
| 17 | 5943620           | 08760946 | 08/24/99 | 12/09/96 | YES | YES |
| 18 |                   | 08879887 |          | 06/20/97 | YES | YES |
| 19 | 6014556           | 08893215 | 01/11/00 | 07/15/97 | YES | YES |
| 20 | 6049714           | 08962479 | 04/11/00 | 10/31/97 | YES | YES |
| 21 | 6104931           | 09062839 | 08/15/00 | 04/20/98 | YES | YES |
| 22 |                   | 09121030 |          | 07/22/98 | YES | YES |
| 23 |                   | 09158026 |          | 09/21/98 | YES | YES |
| 24 |                   | 09189099 |          | 11/09/98 | YES | YES |
| 25 |                   | 09189771 |          | 11/10/98 | YES | YES |
| 26 |                   | 09195941 |          | 11/19/98 | YES | YES |
| 27 |                   | 09218858 |          | 12/22/98 | YES | YES |
| 28 |                   | 09219199 |          | 12/22/98 | YES | YES |
| 29 | 6295447           | 09224509 | 09/25/01 | 12/31/98 | YES | YES |
| 30 |                   | 09228878 |          | 01/12/99 | YES | YES |
| 31 |                   | 09276352 |          | 03/25/99 | YES | YES |
| 32 |                   | 09282832 |          | 03/31/99 | YES | YES |
| 33 |                   | 09310068 |          | 05/11/99 | YES | YES |
| 34 |                   | 09320115 |          | 05/26/99 | YES | YES |
| 35 |                   | 09320638 |          | 05/26/99 | YES | YES |
| 36 |                   | 09331634 |          | 12/22/97 | YES | YES |
| 37 |                   | 09353484 |          | 07/13/99 | YES | YES |
| 38 |                   | 09353853 |          | 07/15/99 | YES | YES |
| 39 | 6512918           | 09377247 | 01/28/03 | 08/19/99 | YES | YES |
| 40 |                   | 09387355 |          | 08/31/99 | YES | YES |
| 41 |                   | 09395909 |          | 09/14/99 | YES | YES |
| 42 |                   | 09396300 |          | 09/15/99 | YES | YES |
| 43 | 6552265           | 09412697 | 04/22/03 | 10/05/99 | YES | YES |
| 44 |                   | 09415705 |          | 10/11/99 | YES | YES |
| 45 |                   | 09428340 |          | 10/27/99 | YES | YES |
| 46 |                   | 09438225 |          | 11/12/99 | YES | YES |
| 47 |                   | 09445638 |          | 06/04/98 | YES | YES |
| 48 |                   | 09452911 |          | 12/01/99 | YES | YES |
| 49 |                   | 09467420 |          | 12/20/99 | YES | YES |
| 50 | 6591105           | 09475099 | 07/08/03 | 12/30/99 | YES | YES |
| 51 |                   | 09488817 |          | 01/20/00 | YES | YES |
| 52 |                   | 09494613 |          | 01/31/00 | YES | YES |
| 53 |                   | 09513251 |          | 02/24/00 | YES | YES |
| 54 |                   | 09515071 |          | 02/28/00 | YES | YES |
| 55 |                   | 09521469 |          | 03/08/00 | YES | YES |
| 56 |                   | 09530178 |          | 10/05/98 | YES | YES |
| 57 |                   | 09548523 |          | 04/13/00 | YES | YES |
| 58 |                   | 09553711 |          | 04/20/00 | YES | YES |
| 59 |                   | 09555592 |          | 11/11/98 | YES | YES |
| 60 |                   | 09558579 |          | 04/24/00 | YES | YES |
| 61 |                   | 09559786 |          | 04/27/00 | YES | YES |
| 62 |                   | 09559988 |          | 04/26/00 | YES | YES |
| 63 |                   | 09560242 |          | 04/27/00 | YES | YES |

| A   | B         | C | D        | E   | F   |
|-----|-----------|---|----------|-----|-----|
| 64  | 09560502  |   | 04/27/00 | YES | YES |
| 65  | 09560508  |   | 04/27/00 | YES | YES |
| 66  | 09568451  |   | 05/09/00 | YES | YES |
| 67  | 09569244  |   | 05/11/00 | YES | YES |
| 68  | 09569768  |   | 05/12/00 | YES | YES |
| 69  | 09570138  |   | 05/12/00 | YES | YES |
| 70  | 09573500  |   | 05/16/00 | YES | YES |
| 71  | 09580725  |   | 05/30/00 | YES | YES |
| 72  | 09582300  |   | 12/17/98 | YES | YES |
| 73  | 09584915  |   | 05/31/00 | YES | YES |
| 74  | 09602990  |   | 06/23/00 | YES | YES |
| 75  | 09609798  |   | 07/03/00 | YES | YES |
| 76  | 09614350  |   | 07/12/00 | YES | YES |
| 77  | 09615758  |   | 07/13/00 | YES | YES |
| 78  | 09632694  |   | 08/04/00 | YES | YES |
| 79  | 09641437  |   | 08/17/00 | YES | YES |
| 80  | 09645043  |   | 08/23/00 | YES | YES |
| 81  | 09652421  |   | 08/31/00 | YES | YES |
| 82  | 09652461  |   | 08/31/00 | YES | YES |
| 83  | 09652735  |   | 08/31/00 | YES | YES |
| 84  | 09654834  |   | 09/05/00 | YES | YES |
| 85  | 09661215  |   | 09/14/00 | YES | YES |
| 86  | 09661736  |   | 09/14/00 | YES | YES |
| 87  | 09664915  |   | 09/18/00 | YES | YES |
| 88  | 09671371  |   | 09/26/00 | YES | YES |
| 89  | 09671758  |   | 09/26/00 | YES | YES |
| 90  | 09675337  |   | 09/28/00 | YES | YES |
| 91  | 09675463  |   | 09/28/00 | YES | YES |
| 92  | 09677815  |   | 10/03/00 | YES | YES |
| 93  | 09678717  |   | 10/04/00 | YES | YES |
| 94  | 096866811 |   | 10/11/00 | YES | YES |
| 95  | 09686734  |   | 10/10/00 | YES | YES |
| 96  | 09687913  |   | 10/13/00 | YES | YES |
| 97  | 09692709  |   | 10/19/00 | YES | YES |
| 98  | 09693599  |   | 10/20/00 | YES | YES |
| 99  | 09696334  |   | 10/24/00 | YES | YES |
| 100 | 09700445  |   | 05/10/99 | YES | YES |
| 101 | 09700970  |   | 05/20/99 | YES | YES |
| 102 | 09704631  |   | 11/02/00 | YES | YES |
| 103 | 09706214  |   | 11/03/00 | YES | YES |
| 104 | 09706249  |   | 11/03/00 | YES | YES |
| 105 | 09708086  |   | 11/08/00 | YES | YES |
| 106 | 09712720  |   | 11/14/00 | YES | YES |
| 107 | 09717842  |   | 11/20/00 | YES | YES |
| 108 | 09718566  |   | 11/22/00 | YES | YES |
| 109 | 09719709  |   | 06/10/99 | YES | YES |
| 110 | 09723102  |   | 11/27/00 | YES | YES |
| 111 | 09724754  |   | 11/28/00 | YES | YES |
| 112 | 09728213  |   | 11/30/00 | YES | YES |
| 113 | 09730873  |   | 12/05/00 | YES | YES |
| 114 | 09730877  |   | 12/05/00 | YES | YES |
| 115 | 09738225  |   | 12/15/00 | YES | YES |
| 116 | 09740175  |   | 12/18/00 | YES | YES |
| 117 | 09740410  |   | 12/18/00 | YES | YES |
| 118 | 09740924  |   | 12/19/00 | YES | YES |
| 119 | 09741122  |   | 12/19/00 | YES | YES |
| 120 | 09745701  |   | 12/22/00 | YES | YES |
| 121 | 09752859  |   | 12/28/00 | YES | YES |
| 122 | 09755360  |   | 01/05/01 | YES | YES |
| 123 | 09755942  |   | 01/05/01 | YES | YES |
| 124 | 09755948  |   | 01/05/01 | YES | YES |
| 125 | 09757717  |   | 01/10/01 | YES | YES |
| 126 | 09760589  |   | 01/15/01 | YES | YES |

| A   | B        | C | D        | E   | F   |
|-----|----------|---|----------|-----|-----|
| 127 | 09762995 |   | 08/05/99 | YES | YES |
| 128 | 09762996 |   | 08/03/99 | YES | YES |
| 129 | 09764960 |   | 01/17/01 | YES | YES |
| 130 | 09785119 |   | 01/17/01 | YES | YES |
| 131 | 0978953  |   | 01/24/01 | YES | YES |
| 132 | 09772203 |   | 01/29/01 | YES | YES |
| 133 | 09773245 |   | 01/31/01 | YES | YES |
| 134 | 09788055 |   | 02/16/01 | YES | YES |
| 135 | 09789230 |   | 02/20/01 | YES | YES |
| 136 | 09789691 |   | 02/20/01 | YES | YES |
| 137 | 09795231 |   | 02/26/01 | YES | YES |
| 138 | 09804422 |   | 03/12/01 | YES | YES |
| 139 | 09804556 |   | 03/12/01 | YES | YES |
| 140 | 09808494 |   | 03/14/01 | YES | YES |
| 141 | 09814031 |   | 03/21/01 | YES | YES |
| 142 | 09814268 |   | 03/21/01 | YES | YES |
| 143 | 09814406 |   | 03/21/01 | YES | YES |
| 144 | 09814407 |   | 03/21/01 | YES | YES |
| 145 | 09814434 |   | 03/21/01 | YES | YES |
| 146 | 09818170 |   | 03/27/01 | YES | YES |
| 147 | 09818341 |   | 03/26/01 | YES | YES |
| 148 | 09835229 |   | 04/13/01 | YES | YES |
| 149 | 09835479 |   | 04/16/01 | YES | YES |
| 150 | 09837493 |   | 04/18/01 | YES | YES |
| 151 | 09839100 |   | 04/20/01 | YES | YES |
| 152 | 09850338 |   | 05/07/01 | YES | YES |
| 153 | 09854798 |   | 05/14/01 | YES | YES |
| 154 | 09858067 |   | 05/14/01 | YES | YES |
| 155 | 09862215 |   | 05/21/01 | YES | YES |
| 156 | 09862217 |   | 05/21/01 | YES | YES |
| 157 | 09862543 |   | 05/21/01 | YES | YES |
| 158 | 09869461 |   | 12/29/99 | YES | YES |
| 159 | 09882956 |   | 06/15/01 | YES | YES |
| 160 | 09904315 |   | 07/12/01 | YES | YES |
| 161 | 09909190 |   | 07/19/01 | YES | YES |
| 162 | 09909192 |   | 07/19/01 | YES | YES |
| 163 | 09935459 |   | 08/23/01 | YES | YES |
| 164 | 09938085 |   | 08/23/01 | YES | YES |
| 165 | 09939083 |   | 08/24/01 | YES | YES |
| 166 | 09947105 |   | 09/05/01 | YES | YES |
| 167 | 09969364 |   | 10/01/01 | YES | YES |
| 168 | 09985086 |   | 11/01/01 | YES | YES |
| 169 | 09988490 |   | 11/20/01 | YES | YES |
| 170 | 10010832 |   | 12/06/01 | YES | YES |
| 171 | 10021940 |   | 12/12/01 | YES | YES |
| 172 | 10023599 |   | 12/17/01 | YES | YES |
| 173 | 10025354 |   | 12/18/01 | YES | YES |
| 174 | 10028176 |   | 12/21/01 | YES | YES |
| 175 | 10029361 |   | 12/21/01 | YES | YES |
| 176 | 10038233 |   | 10/22/01 | YES | YES |
| 177 | 10066027 |   | 01/30/02 | YES | YES |
| 178 | 10070896 |   | 08/16/00 | YES | YES |
| 179 | 10091658 |   | 03/04/02 | YES | YES |
| 180 | 10095928 |   | 03/12/02 | YES | YES |
| 181 | 10098010 |   | 03/14/02 | YES | YES |
| 182 | 10102222 |   | 03/19/02 | YES | YES |
| 183 | 10107704 |   | 03/27/02 | YES | YES |
| 184 | 10107708 |   | 03/27/02 | YES | YES |
| 185 | 10110332 |   | 10/26/00 | YES | YES |
| 186 | 10114517 |   | 04/01/02 | YES | YES |
| 187 | 10119701 |   | 04/10/02 | YES | YES |
| 188 | 10121238 |   | 04/11/02 | YES | YES |
| 189 | 10124088 |   | 04/15/02 | YES | YES |

| A   | B        | C | D        | E   | F   |
|-----|----------|---|----------|-----|-----|
| 190 | 10125759 |   | 04/18/02 | YES | YES |
| 191 | 10129568 |   | 11/10/00 | YES | YES |
| 192 | 10132872 |   | 04/25/02 | YES | YES |
| 193 | 10143668 |   | 05/08/02 | YES | YES |
| 194 | 10143706 |   | 05/08/02 | YES | YES |
| 195 | 10153302 |   | 05/22/02 | YES | YES |
| 196 | 10155439 |   | 05/24/02 | YES | YES |
| 197 | 10168996 |   | 11/28/00 | YES | YES |
| 198 | 10175249 |   | 08/19/02 | YES | YES |
| 199 | 10181914 |   | 01/10/01 | YES | YES |
| 200 | 10182100 |   | 01/18/01 | YES | YES |
| 201 | 10201186 |   | 07/23/02 | YES | YES |
| 202 | 10218736 |   | 08/14/02 | YES | YES |
| 203 | 10221898 |   | 11/18/00 | YES | YES |
| 204 | 10234082 |   | 08/30/02 | YES | YES |
| 205 | 10276073 |   | 05/18/01 | YES | YES |
| 206 | 10278362 |   | 10/22/02 | YES | YES |
| 207 | 10311090 |   | 05/17/01 | YES | YES |
| 208 | 10311788 |   | 07/05/00 | YES | YES |
| 209 | 10369873 |   | 02/19/03 | YES | YES |
| 210 | 10398019 |   | 09/26/01 | YES | YES |
| 211 | 09829059 |   | 04/09/01 | YES | YES |
| 212 | 09829062 |   | 04/09/01 | YES | YES |
| 213 | 09829054 |   | 04/09/01 | YES | YES |
| 214 | 10167307 |   | 06/11/02 | YES | YES |
| 215 |          |   |          |     |     |